AMENDMENTS TO THE CLAIMS:

Please amend claims 1-10 as follows:

1. (Original): A digital radio communication device comprising:

receiving means for receiving a radio wave;

position detecting means; and

control means for tuning the receiving means,

wherein the control means is provided such that once a reception quality of the receiving means becomes deteriorated, the control means judges a receiving means reception quality deterioration area in accordance with an output of the position detecting means, learns a tuning condition for further improving the reception quality, and takes a learned tuning condition as a tuning condition for tuning the receiving means when next passing through said area.

2. (Original): The digital radio communication device according to claim 1, wherein the control means stores said tuning condition for tuning said receiving means as well as history information in relation to a reception quality of the receiving means,

wherein once a reception quality of the receiving means becomes deteriorated, and if a mobile body is passing through said judged area, the control means tunes said receiving means in accordance with said tuning condition, and compares a reception quality obtained by tuning the receiving means in accordance with said tuning condition, with a reception quality obtained when last passing through said area, in accordance with said history information, wherein once a reception quality becomes lower than a reception quality obtained during a last passing, the control means performs an

operation to calculate a new tuning condition for further improving a reception quality of said receiving means, performs a learning by updating said tuning condition with said new tuning condition, and takes a tuning condition after the learning as a tuning condition for tuning said receiving means when next passing through said area.

3. (Currently Amended): The digital radio communication device according to claim 1 ~~or 2~~, wherein the control means judges a reception quality of the receiving means in accordance with a bit error rate outputted from said receiving means.

4. (Original): The digital radio communication device according to claim 1, wherein the position detecting means is a GPS receiver.

5. (Original): The digital radio communication device according to claim 1, wherein the control means has a table for outputting a tuning condition with respect to said receiving means upon receiving internal operation state information and reception quality information of the receiving means, and takes an output from said table as a new tuning condition for further improving the reception quality of said receiving means.

6. (Original): The digital radio communication device according to claim 1, wherein the control means has storage means for storing a tuning condition for tuning said receiving means, history information relating to the reception quality of the receiving means, and position information outputted from the position detecting means when the reception quality of the receiving means has become deteriorated.

7. (Original): The digital radio communication device according to claim 1,

wherein the control means stores, in a server on a broadcasting station side, a tuning condition for tuning said receiving means and history information relating to a reception quality of the receiving means, and further stores position information outputted from the position detecting means when the reception quality of the receiving means has become deteriorated,

wherein once a reception quality of the receiving means has become deteriorated, the control means operates to download said tuning condition, history information and position information stored in the server on said broadcasting station side.

8. (Original): A method of tuning receiving means in a digital radio communication device comprising the receiving means for receiving a radio wave and position detecting means,

wherein once a reception quality of the receiving means becomes deteriorated, a receiving means reception quality deterioration area is determined in accordance with an output of the position detecting means, while a tuning condition for further improving the reception quality is learned, and a learned tuning condition is taken as a tuning condition for tuning the receiving means when next passing through said area.

9. (Original): A computer program for operating a computer in a digital radio communication device which comprises receiving means for receiving a radio wave,

position detecting means, and control means including a computer for tuning the receiving means,

wherein the computer is caused to detect a reception quality of the reception means and once the computer detects that a reception quality of the receiving means has become deteriorated, a receiving means reception quality deterioration area is determined in accordance with an output of the position detecting means, while a tuning condition for further improving the reception quality is learned, and a learned tuning condition is taken as a tuning condition for tuning the receiving means when next passing through said area.

10. (Original): A storage medium storing a computer program for operating a computer in a digital radio communication device which comprises receiving means for receiving a radio wave, position detecting means, and control means including a computer for tuning the receiving means,

wherein the computer is caused to detect a reception quality of the reception means and once the computer detects that a reception quality of the receiving means has become deteriorated, a receiving means reception quality deterioration area is determined in accordance with an output of the position detecting means, while a tuning condition for further improving the reception quality is learned, and a learned tuning condition is taken as a tuning condition for tuning the receiving means when next passing through said area.

11. (New): The digital radio communication device according to claim 2, wherein the control means judges a reception quality of the receiving means in accordance with a bit error rate outputted from said receiving means.